

TITLE

ENZYMES INVOLVED IN PETROSELINIC ACID BIOSYNTHESIS

ABSTRACT OF THE DISCLOSURE

This invention relates to an isolated nucleic acid fragment encoding a gene involved
5 in petroselinic acid biosynthesis. The invention also relates to the construction of a chimeric
gene encoding all or a portion of the gene involved in petroselinic acid biosynthesis, in sense
or antisense orientation, wherein expression of the chimeric gene results in production of
altered levels of the gene involved in petroselinic acid biosynthesis in a transformed host
cell.

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KL/dmm